



# Draper Bioengineering Center

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Center Director

# Draper Laboratory

- Originated as MIT Instrumentation Lab founded by C. S. Draper in 1932 and spun-off as a not-for-profit R&D organization in 1973.
- Headquartered in Cambridge, MA with facilities in **Tampa Bay**, Houston, Huntsville, Cape Canaveral, Washington, D.C. and Providence, RI.
- ~1,400 employees, 65% technical staff, 63% advanced degrees.
- Annual revenues of \$420M.
- Committed to applied R&D, technology transfer and advanced technical education.



Headquarters – Cambridge, MA



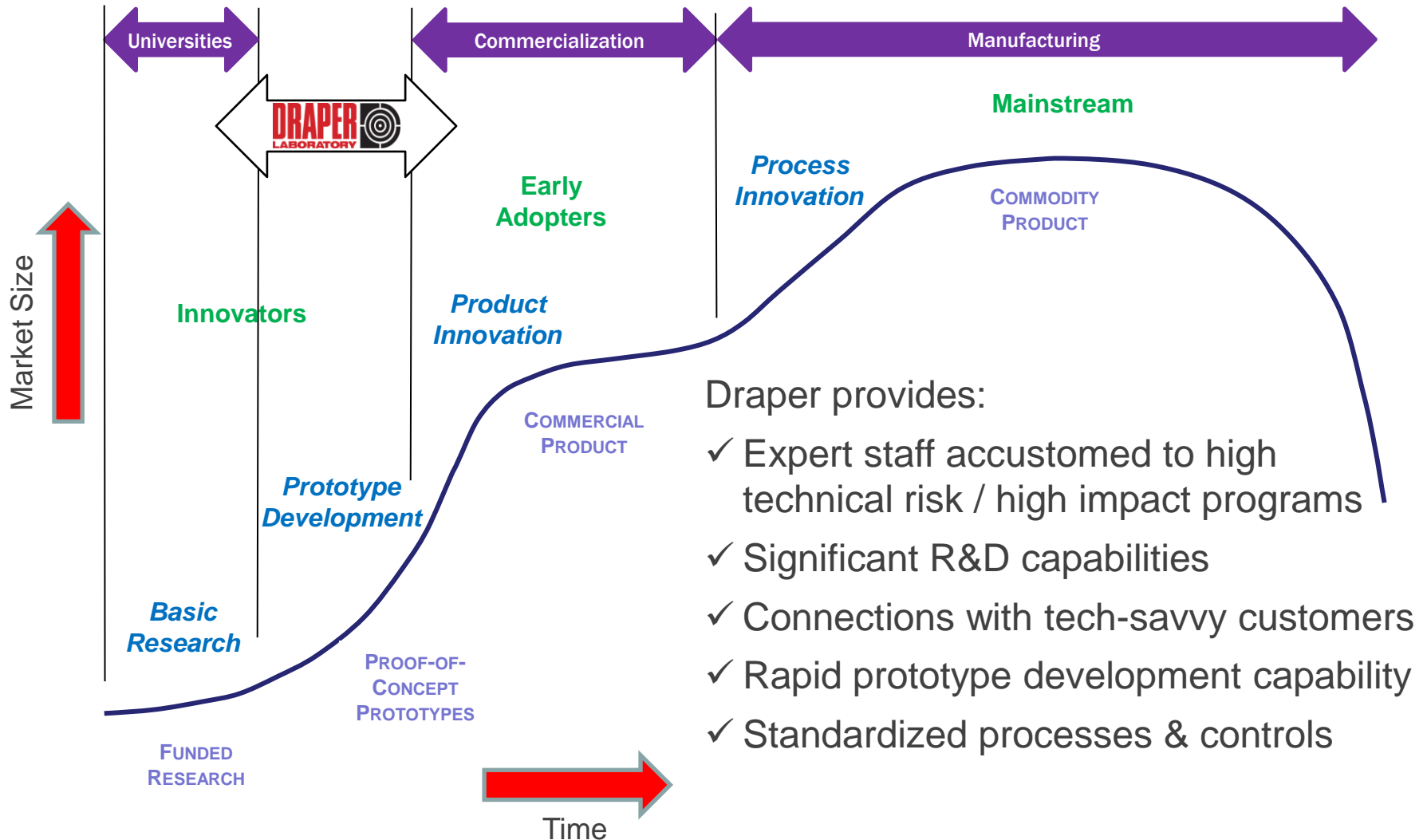
Bioengineering Center – Tampa, FL



MCM Facility – St. Petersburg, FL

# Draper Role

Crossing the Chasm between Research & Industry



Draper provides:

- ✓ Expert staff accustomed to high technical risk / high impact programs
- ✓ Significant R&D capabilities
- ✓ Connections with tech-savvy customers
- ✓ Rapid prototype development capability
- ✓ Standardized processes & controls

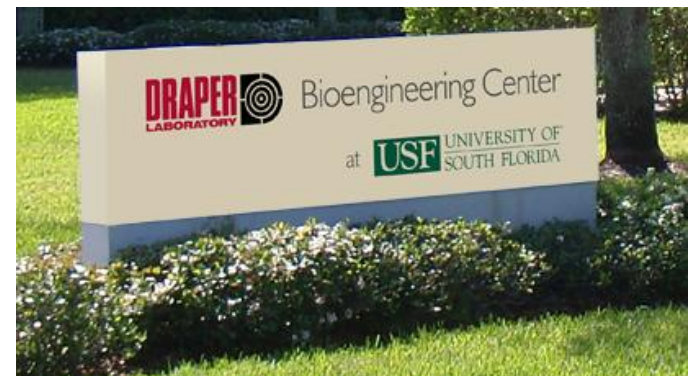
# Draper Bioengineering Center



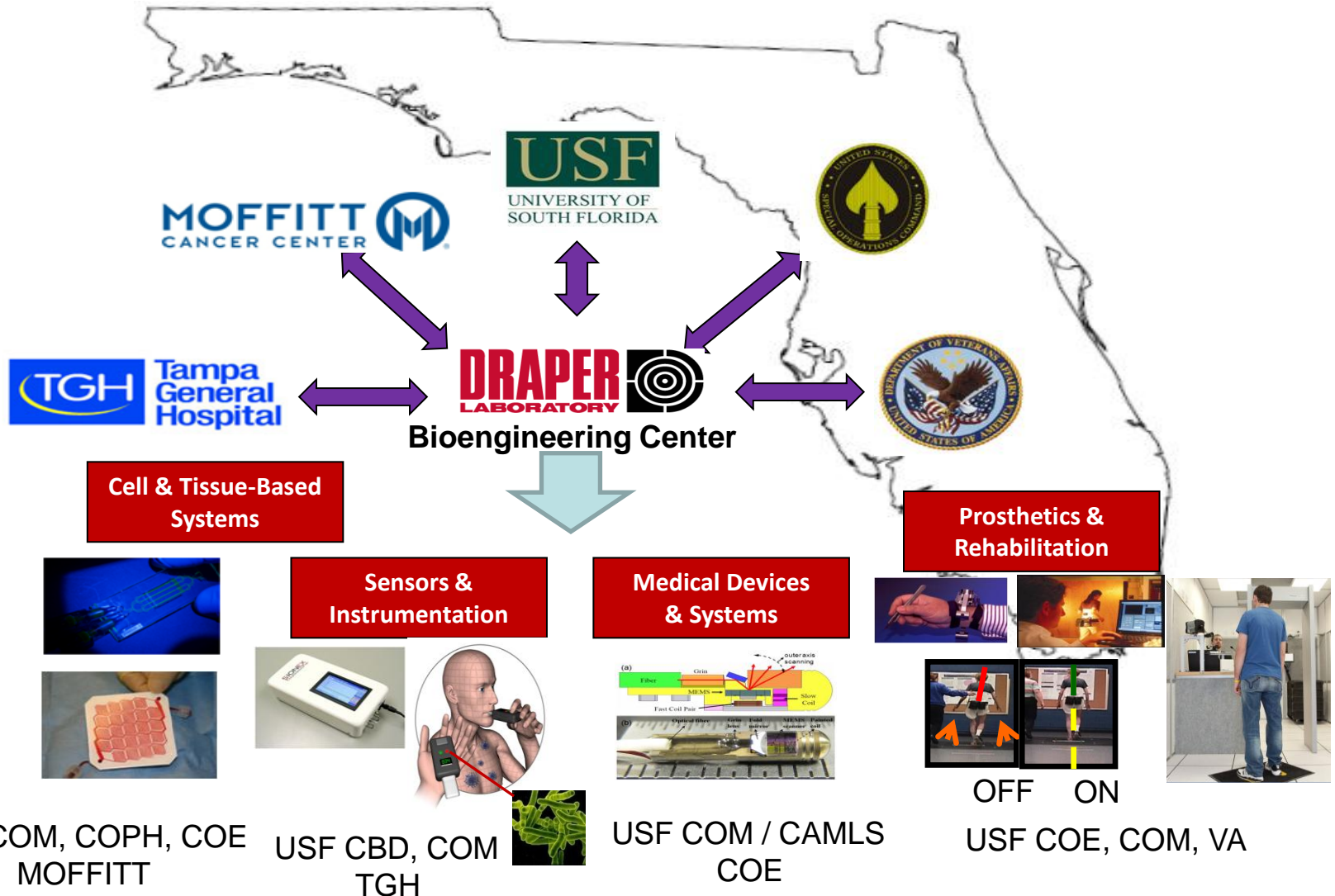
Partnered with organizations in the Tampa Bay area, Draper Bioengineering Center is focused on the development of advanced medical technologies for military and civilian applications

# Draper Bioengineering Center

- Partnership between State of Florida, Hillsborough County, USF and Draper Laboratory
- Established November 2008
- Phase I build-out of 10,000 sq. ft. on USF campus completed July 2009
- Phase I staffing of 15 (14 Technical, 1 Admin); 5+ open requisitions
- Over \$50M in Proposals to date
- ~ \$5M in awards; More to follow



# Collaborative R&D



# Summary

- Draper Laboratory is a world leader in advanced technology based bioengineering R&D, developing fully functional first-of-a-kind prototypes for medical and biological applications
- Particular technology strengths are BioMEMS, microelectronics, miniaturized systems and informatics/decision support
- Several technologies under development in the fields of drug discovery, diagnostics and advanced medical/surgical devices
- Focus on collaborative research & development to solve critical healthcare issues